

IN THE CLAIMS

1-10. (Cancelled)

11-12. (Canceled)

13-15. (Canceled)

16. (Canceled)

17-19, (Canceled)

20. (Canceled)

21. (Previously Presented) The system of Claim 58 wherein the event is detected on a node different from the master node.

22. (Previously Presented) The system of Claim 58 further comprising, on the master node, an object unique to the client for interfacing with the client.

23. (Original) The system of Claim 22 wherein the object is accessible across the cluster.

24. (Previously Presented) The system of Claim 58 wherein a message code is formatted into a message string for communication to the client.

25. (Previously Presented) The system of Claim 58 wherein a message code is formatted into a message string for storage on the message list.

26. (Previously Presented) The system of Claim 58 wherein the message list is structured as a stack.
27. (Previously Presented) The system of Claim 58 further comprising a fail safe module for failing over the master node to another node on the cluster in response to a failover event on the master node.
28. (Previously Presented) The system of Claim 58 wherein the event is an error event.
29. (Previously Presented) The system of Claim 58 wherein the event is a dialogue event.
- 30-31. (Canceled)
32. (Previously Presented) The system of Claim 68 wherein the event is detected on a node different from the master node.
33. (Previously Presented) The system of Claim 68 wherein a message code is formatted into a message string for communication to the client.
34. (Previously Presented) The system of Claim 68 wherein a message code is formatted into a message string for storage on the message list.
35. (Canceled)
36. (Previously Presented) The system of Claim 68 further comprising a fail over module for failing over the master node to another node on the cluster in response to a failover event on the master node.

37. (Previously Presented) The system of Claim 68 wherein the event is an error event.

38. (Previously Presented) The system of Claim 68 wherein the event is a dialogue event.

39-48. (Canceled)

49-50. (Canceled)

51-53. (Canceled)

54. (Canceled)

55-57. (Canceled)

58. (Previously Presented) A system for interacting with a client in a distributed computing

environment having a plurality of computing nodes interconnected to form a cluster, the system comprising:

means for connecting a client to a master node of the cluster;

means for associating a message list to the client on the master node;

means for performing tasks for the client on a plurality of nodes of the cluster;

means for detecting an event while performing one of the tasks;

means for storing a message on the message list descriptive of the detected event;

and means for communicating the message to the client.

59-61. (Canceled)

62. (Canceled)

63. (Previously Presented) The system of Claim 68 wherein the distributed object is a synchronous call interface.

64. (Previously Presented) The system of Claim 63 wherein the synchronous call interface does not require network semantics.

65-67. (Canceled)

68. (Previously Presented) A system for interacting with a client in a distributed computing environment having a plurality of computing nodes interconnected to form a cluster, the method comprising:

means for connecting a client to a master node of the cluster;

means for creating a distributed object on the master node to interface with the client;

means for associating a client manager having a message list with the client on the master, node, wherein the message list is structured as a stack;

in the client manager, means for tracking a plurality of contexts for the client, each context having a respective message list;

means for performing tasks for the client on a plurality of nodes of the cluster;

means for detecting an event while performing one of the tasks;

means for storing a message on the message list descriptive of the detected event; and

means for communicating the message to the client through the distributed object.